

1 1. A method of managing resources, comprising:
2 connecting to the resources;
3 providing executable modules corresponding to the resources, the modules each
4 implementing a common interface and corresponding to a different one of the resources;
5 making calls to the common interface in each of the executable modules to cause the
6 executable modules to return information about the corresponding resources; and
7 storing the information about the corresponding resources in a database.

1 2. The method of claim 1, wherein the resources comprise data storage resources.

1 3. The method of claim 2, wherein the data storage resources reside in a datacenter
2 controlled by a storage service provider.

1 4. The method of claim 3, further comprising presenting the information to an
2 administrator of the storage service provider.

1 5. The method of claim 4, wherein the information comprises data storage resource
2 attributes.

1 6. The method of claim 5, further comprising enabling the administrator to select, for a
2 given data storage resource, which of the data storage attributes are to be stored in the
3 database.

1 7. The method of claim 1, wherein the executable modules comprise JAVA classes.

1 8. The method of claim 4, further comprising:
2 generating a directory of the executable modules; and
3 placing each of the executable modules in the directory.

1 9. The method of claim 8, wherein the common interface comprises a set of methods.

1 10. The method of claim 9, wherein the methods include a first method that, when called,
2 cause the executable module to identify the class of resources monitored by that executable
3 module, and a second method that, when called, causes the executable module to discover
4 any resources within the identified class that are connected.

1 11. The method of claim 10, wherein the methods further include a third method that,
2 when called, causes the executable module to poll the resources that were discovered by the
3 executable module.

1 12. The method of claim 11, wherein results of the polling are provided in XML format.

1 13. The method of claim 11, wherein the results of the polling are provided in a format
2 other than XML and the executable module performing the polling converts the results of the
3 polling to XML format.

1 14. The method of claim 11, wherein the methods further comprise a fourth method that,
2 when called, causes the executable module to return a list of services and associated
3 parameters.

1 15. The method of claim 12, wherein the methods further comprise a fifth method that,
2 when called, causes the executable module to execute a requested one of the services on the
3 list of services.

1 16. The method of claim 13, wherein making calls to the common interface comprises
2 making a call to the fifth method, and wherein making a call to the fifth method comprises
3 specifying values of parameters associated with the requested one of the services received
4 from a customer of the service provider.

1 17. The method of claim 5, further comprising:
2 adding a new data storage resource to the datacenter;

3 connecting to the new data storage resource;
4 providing a new one of the executables modules to correspond to the new data storage
5 resource;
6 and
7 placing the new one of the executable modules in the directory.

1 18. The method of claim 17, wherein making calls to the common interface comprises
2 making calls to a common interface in the new one of the executable modules.

1 19. A computer program product residing on a computer-readable medium for managing
2 resources, the computer program product comprising instructions causing a computer to:
3 connect to the resources;
4 provide executable modules corresponding to the resources, the modules each
5 implementing a common interface and corresponding to a different one of the resources;
6 make calls to the common interface in each of the executable modules to cause the
7 executable modules to return information about the corresponding resources; and
8 store the information about the corresponding resources in a database.

1 20. A system for managing resources comprising:
2 a server configured to execute software for managing resources to which the server is
3 connected; and
4 wherein the software includes resource-specific executable modules each
5 corresponding to a different one of the managed resources and a resource-independent device
6 configured to use the executable modules to monitor changes in configuration and attributes
7 information associated with the corresponding managed devices.
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